Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 08-05-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Improvements to roads at Prakruthi layout and Shimadri layout main road and cross roads in Ward No 11(kuvempunagara)}.

Ref.: Letter No. Testing/BUB/2015-16, dated 05-05-2015

Name of the Agency/Contractor* : Mr. N.Thirunagendra, Contractor,BBMP, Bangalore. Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53	100.00	100
45	96.80	95-100
26.5	---	-
22.4	71.40	60-80
11.2	55.00	40-60
4.750	39.00	25-40
2.360	27.00	15-30
0.600	16.30	8-22
0.075	4.80	0-8

*As Furnished by Client.

The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

JE-4

Dr. MANJESH .L
ME (Civil Engg) Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
e- mail: manjeshl@yahoo.com

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

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BANGALORE - 560 056

BUB/CTE/2015-16/

Date: 26-05-20

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Improvements to roads at Prakruthi layout and Shimadri layout main road and cross roads in Ward No 11(kuvempunagara)}.

Ref.: Letter No. Testing/BUB/2015-16, dated 22-05-2015

Name of the Agency/Contractor* : Mr. N.Thirunagendra, Contractor,BBMP, Bangalore.

Report required for* : Assistant Executive Engineer,
Vidyaranypaura Sub-Division, BBMP, Bangalore.

TEST RESULTS :

9. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.07%**
10. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specfications-2001 (Grading – 2)
13.2	**100.00**	100
9.5	**96.50**	90—100
4.75	**44.20**	35—51
2.36	**28.70**	24—39
1.18	**22.10**	15—30
0.3	**18.60**	09—19
0.075	**5.20**	03—08

*As Furnished by Client.

The Results relate only to the items tested.

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

Dr. MANJESH .L
ME (Civil Engg) Ph D MISTE MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056
E- mail: manjesh.l@yahoo.com